

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	ladder adj boost\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/23 15:26
S2	5	RFID S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/23 15:26
S3	755	Cockcroft adj Walton	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/23 15:36
S4	10	RFID S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/23 15:36
S5	7	"340".clas. S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/06/23 15:40
S6	1	RFID ladder adj boost adj rectif\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 12:59
S7	1	RFID ladder near boost near rectif\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 12:59
S8	1	ladder near boost near rectif\$4	US-PGPUB;	AND	ON	2011/07/14

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:59
S9	290	ladder boost rectif\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:00
S10	6324	microstrip near antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:26
S11	536808	power near12 receiv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:26
S12	1149	S10 S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:26
S13	7452	340/10.\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:26
S14	79	S12 S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:26
S15	23	oscillat\$4 S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:27
S16	24	("5313211"   "5491715"   "5530637"   "5649295"   "5649296").PN. OR ("5826175").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/14 13:39
S17	197907	"340".clas.	US-PGPUB; USPAT; USOCR;	AND	ON	2011/07/14 13:41

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S18	218	S10 S11 S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:42
S19	3	S18 QPSK	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/07/14 13:53
S20	19	("5019815"   "6046676").PN. OR ("6137422").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/14 16:58
S21	25904	RFID near (tag or transponder)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/14 17:00
S22	916104	diode capacitor zener S21	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/14 17:02
S23	140	diode capacitor zener S21	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/14 17:02
S24	2	microstrip near antenna S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	AND	ON	2011/07/14 17:04
S25	1114374	diode capacitor impedance S21	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/14 17:05
S26	1027	diode capacitor impedance S21	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/14 17:05
S27	43	microstrip near antenna S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	AND	ON	2011/07/14 17:06
S28	21810	frequency adj2 divider	USPAT	OR	OFF	2011/07/14 17:18
S29	0	S27 S28	USPAT	AND	OFF	2011/07/14 17:18
S30	48	S21 S28	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/14 17:19
S31	2	ladder near boost RFID	US-PGPUB; USPAT;	AND	OFF	2011/07/14 17:41

			USOCR			
S32	5	stub near (resonance or resonant) RFID	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/14 17:41
S33	4	ladder near boost	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/14 17:42
S34	250	stub near (resonance or resonant)	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/14 17:42
S35	1	S33 S34	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/14 17:42
S36	300	Cockcroft adj2 Walton	USPAT	OR	OFF	2011/07/14 18:17
S37	13458	RFID S36	USPAT	OR	OFF	2011/07/14 18:17
S38	1	RFID S36	USPAT	AND	OFF	2011/07/14 18:17
S39	50	Cockcroft adj2 Walton near circuit	USPAT	OR	OFF	2011/07/14 18:20
S40	45400	RFID multi adj stage	USPAT	OR	OFF	2011/07/14 18:22
S41	0	RFID and multi adj stage adj rectifier	USPAT	OR	OFF	2011/07/14 18:22
S42	0	RFID and multi adj stage adj rectifier	USPAT	OR	OFF	2011/07/14 18:22
S43	0	RFID and multi adj stage near rectifier	USPAT	OR	OFF	2011/07/14 18:22
S44	15	multi adj stage near rectif\$4	USPAT	OR	OFF	2011/07/14 18:22
S45	13169	RFID S44	USPAT	OR	OFF	2011/07/14 18:22
S46	5	RFID S44	USPAT	AND	OFF	2011/07/14 18:23
S47	4	antenna spaced near20 five adj percent	USPAT	AND	OFF	2011/07/14 18:35
S48	14	antenna near20 five adj percent	USPAT	AND	OFF	2011/07/14 18:41
S49	6173	PIN adj diode	USPAT	AND	OFF	2011/07/14 18:56
S50	149	S49 RFID	USPAT	AND	OFF	2011/07/14 18:56
S51	747	343/795.cds.	USPAT	OR	OFF	2011/07/15 10:34
S52	22591	five adj2 percent	USPAT	OR	OFF	2011/07/15 10:34
S53	5	S51 S52	USPAT	AND	OFF	2011/07/15 10:34
S54	1038	anti-collision	USPAT	OR	OFF	2011/07/15 10:51
S55	1229	anti\$1collision	USPAT	OR	OFF	2011/07/15 10:51
S56	18156	output near enable	USPAT	OR	OFF	2011/07/15

						10:52
S57	5	S55 S56	USPAT	AND	OFF	2011/07/15 10:53
S58	2	("20040203478"   "6765959").PN. OR ("7821378").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 11:01
S59	169935	"340".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 11:02
S60	607	S56 S59	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:02
S61	3	S55 S60	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:02
S62	61529	timing adj2 circuit	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:03
S63	36	S55 S62	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:03
S64	19	S59 S63	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:03
S65	56	timing adj2 circuit same enable adj3 signal S59	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:27
S66	0	timing adj2 circuit same enable adj3 signal S59 same random near delay	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:34
S67	1	timing adj2 circuit same enable adj3 signal S59 random near delay	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:34
S68	11	("5305008"   "5649296"   "5842118"   "5952922"   "6016128"   "6236315"   "6243012"   "6265963"   "6373389"   "6972683"   "7057511").PN. OR ("7408456").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 11:38
S69	10	voltage same timing adj2 circuit same enable adj3 signal S59	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:48
S70	1742	timing adj2 circuit same enable adj3 signal	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:57
S71	336275	radio adj frequency	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:58
S72	75	S70 S71	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 11:58
S73	0	timing adj2 circuit same enable adj3 signal near QPSK	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 12:02
S74	25	timing adj2 circuit same enable adj3 signal QPSK	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 12:02
S75	2	RFID timing adj2 circuit same enable	US-PGPUB;	AND	OFF	2011/07/15

		adj3 signal S59	USPAT; USOCR			13:15
S76	0	timing adj2 signal "340".S60.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 13:16
S77	0	timing adj2 signal 340/10.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 13:16
S78	303	timing adj2 signal 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 13:16
S79	0	timing adj2 signal near random 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 13:17
S80	0	timing adj2 signal near anti\$1collision 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 13:17
S81	73	generat\$4 near tim\$3 adj2 signal 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 13:22
S82	23	("5530702"   "5699066"   "5751570"   "5966083").PN. OR ("6784787").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 13:34
S83	1	temperature sensor quartz resonator and RFID	US-PGPUB; USPAT; USOCR	ADJ	OFF	2011/07/15 13:46
S84	0	temperature resonator and RFID	US-PGPUB; USPAT; USOCR	ADJ	OFF	2011/07/15 13:46
S85	2	temperature sensor quartz resonator	US-PGPUB; USPAT; USOCR	ADJ	OFF	2011/07/15 13:46
S86	3762	plurality near tags	US-PGPUB; USPAT; USOCR	ADJ	OFF	2011/07/15 14:33
S87	0	Diorio.in. S86	US-PGPUB; USPAT; USOCR	ADJ	OFF	2011/07/15 14:35
S88	267	Diorio.in.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2011/07/15 14:35
S89	8	Diorio.in. S86	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 14:35
S90	48	QPSK response 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 14:50
S91	6	QPSK response 340/10.\$.ccls. (anti\$1collision or (collision adj avoidance))	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 14:58
S92	0	340/10.\$.ccls. (object or obstacle) near between near (reader or interrogator) near (tag or transponder)	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 15:02
S93	0	(object or obstacle) near (between or block\$4) near (reader or interrogator) near (tag or transponder)	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 15:03

S94	1	("7616113").PN.	USPAT; USOCR	OR	OFF	2011/07/15 15:13
S95	0	obstacle near present near propogation	USPAT	OR	OFF	2011/07/15 15:16
S96	0	obstacle near present near propagation	USPAT	OR	OFF	2011/07/15 15:17
S97	0	obstacle near present near propagation	USPAT	AND	OFF	2011/07/15 15:17
S98	0	(obstacle or object) near present near propagation	USPAT	AND	OFF	2011/07/15 15:17
S99	0	(obstacle or object) near "present" near propagation	USPAT	AND	OFF	2011/07/15 15:17
S100	0	(obstacle or object) near (present or exist\$4) near (propogation or (signal adj path))	USPAT	AND	OFF	2011/07/15 15:18
S101	1	"7787886"	USPAT	AND	OFF	2011/07/15 15:21
S102	4	("5926133"   "6738697"   "6785553"   "6868074").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 15:21
S103	328320	anit\$1collision (block\$4 or interefere\$4) near12 (signal or propagation)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 15:27
S104	0	anit\$1collision and (block\$4 or interefere\$4) near12 (signal or propagation)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 15:27
S105	328317	(block\$4 or interefere\$4) near12 (signal or propagation)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 15:27
S106	375242	RFID S105	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 15:28
S107	4434	RFID S105	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 15:28
S108	5203	S106 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 15:28
S109	614	S107 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 15:28
S110	0	obstacle near12 present 340/10.\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 15:32
S111	0	obstacle near12 present S109	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 15:32
S112	406	(interrogator or reader) near12 three adj2 dimension\$2	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 16:17
S113	41255	(position or location) near20 (tag or transponder)	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 16:18
S114	56	S112 S113	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 16:18

S115	15267	(interrogator or reader) near12 (antenna or antenna adj array)	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 16:39
S116	15267	(interrogator or reader) near12 (antenna or (antenna adj array))	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 16:39
S117	41	S114 S116	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 16:39
S118	16	S117 phase	US-PGPUB; USPAT; USOCR	AND	OFF	2011/07/15 16:42
S119	68	("20010006368"   "20010054082"   "20020038267"   "20020041233"   "20020044096"   "20020149481"   "4375642"   "4560978"   "4694283"   "4703327"   "4827395"   "5136719"   "5268695"   "5347280"   "5406297"   "5434775"   "5461385"   "5602556"   "5629981"   "5640002"   "5661457"   "5727153"   "5729236"   "5751220"   "5751256"   "5777561"   "5786763"   "5798693"   "5800724"   "5825814"   "5884278"   "5902437"   "5963173"   "6002344"   "6037879"   "6046683"   "6055509"   "6057756"   "6058374"   "6069564"   "6094173"   "6105002"   "6112988"   "6137447"   "6150921"   "6154137"   "6166706"   "6172596"   "6173891"   "6204764"   "6259991"   "6286762"   "6317650"   "6320556"   "6335686"   "6339762"   "6341269"   "6351215"   "6354495"   "6395373"   "6398105"   "6400272"   "6462656"   "6600418"   "6600420"   "6686830"   "6714121"   "6747560").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/15 16:45

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	walton cockcroft rfid	USPAT; UPAD	AND	ON	2012/02/01 16:35
L2	1204	340/572.7.ccls.	USPAT; UPAD	AND	ON	2012/02/01 16:38
L3	0	1 2	USPAT; UPAD	AND	ON	2012/02/01 16:38
L4	0	walton cockcroft 2	USPAT; UPAD	AND	ON	2012/02/01 16:38

2/1/2012 4:38:33 PM

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